

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. APPLN. NO. 10/696,570

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (canceled).

2. (currently amended): A paper discharge unit as defined in Claim 1, A paper discharge unit comprising:

a chute box having a plurality of slots for inserting papers of different sizes thereinto, provided at different heights in a first surface thereof;

a plurality of guide members, inclined downwardly from the plurality of slots, provided to form a gap through which the papers fall toward a second surface of the chute box facing the first surface in which the plurality of slots are formed; and

a plurality of guide ribs,

wherein

the chute box is provided with side walls for regulating widthwise movement on the guide member of a first paper, having the largest width among the papers; and each of the guide members is provided with one of said guide ribs for regulating widthwise movement of a second paper, which is smaller than the first paper, in cooperation with one of the side walls, the guide ribs extending from the slots to the second surface of the chute box,

wherein:

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. APPLN. NO. 10/696,570

the guide ribs are provided so that the width between each of them and the one of the side walls becomes narrower toward the second surface of the chute box.

3. (currently amended): A paper discharge unit as defined in claim 1, 2, wherein:

~~The~~ the guide ribs are provided so that upper edges thereof approach the second surface of the chute box toward the end of the guide ribs away from the slots.

4. (currently amended): A paper discharge unit as defined in claim 1, 2, further comprising:

downwardly extending sheet members provided at the distal ends of the guide members, the sheet members being in contact with the second surface of the chute box.

5. (currently amended): A paper discharge unit as defined in claim 4, wherein:

~~the~~ for first and second papers which are curled in the cross section of their width directions; ~~and~~ directions, the each sheet member is provided with a first space for both edges in the width direction of the first paper to be inserted in, and a second space for both edges in the width direction of the second paper to be inserted in.

6. (currently amended): A paper discharge unit as defined in claim 1, 2, further comprising:

a paper housing portion portion, for stacking and housing the papers, provided below the chute box; and

a position controlling member-member, for causing the papers which fall through the chute box to be stacked in the same direction, provided between the chute box and the paper housing portion.

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. APPLN. NO. 10/696,570

7. (currently amended): A printing apparatus comprising:

a plurality of printing engines capable of discharging papers of different sizes on which images are printed, the printing engines being housed in the printing apparatus in a stacked manner;

a chute box having a plurality of slots for inserting thereinto papers of different sizes which are discharged by the printing engines thereinto, engines, provided corresponding to each each of said slots being associated with a different one of the printing engines engines, and being arranged at different heights in a first surface thereof; of the chute box;

a plurality of guide members, inclined downwardly from the plurality of slots, provided to form a gap through which the papers fall toward a second surface of the chute box facing the first surface in which the plurality of slots are formed; and

a plurality of guide ribs, wherein

the chute box is provided with side walls for regulating widthwise movement on the guide member of a first paper, having the largest width among the papers; and

each of the guide members is provided with a-one of said guide rib-ribs for regulating widthwise movement of a second paper, which is smaller than the first paper, in cooperation with one of the side walls, the guide ribs extending from the slot to the second surface of the chute box; box; and

wherein the guide ribs are provided so that the width between each of them and the one of the side walls becomes narrower toward the second surface of the chute box.